# MUSIC FILE GENERATING APPARATUS, MUSIC FILE GENERATING METHOD, AND RECORDED MEDIUM

## Abstract

A singing voice extraction section 2 that extracts human singing voices from the digital sound generator data 11 and obtains the signing voice data 12 in the ADPCM format, the BGM generating section 13 that generates the BGM data 13 in the MIDI format, the MIDI adjustment section 4 that generates simulated singing voice data in the MIDI format based on the extracted signing voices and adds such data to the BGM data 13, and the file generating section 5 that processes the singing voice data 12 and the BGM and simulated singing voice data 14 into a single music file 15 are established. Bandwidth limiting is significantly executed for the singing voice portion. Through generating the BGM portion in the MIDI format, the entire amount of data is decreased, and the singing voice portion that has been deteriorated in quality due to the performance of bandwidth limiting is supplemented by MIDI data. Due to this, the quality of the reproduced singing voices can be also maintained beyond a predominating level.